

Mehboob Alam

List of Publications by Year in descending order

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16
papers

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16
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview on Energy and Development of Energy Integration in Major South Asian Countries: The Building Sector. <i>Energies</i> , 2020, 13, 5776.	3.1	37
2	On the Selection of Spectral Zeros for Generating Passive Reduced Order Models. , 2006, , .		33
3	Model order reduction using spline-based dynamic multi-point rational interpolation for passive circuits. <i>Analog Integrated Circuits and Signal Processing</i> , 2007, 50, 273-277.	1.4	31
4	An RLC Ladder Model for the Equivalent Impedance of Single Metal Nanoparticles in Electromagnetic Field. , 2006, , .		28
5	A Time-Varying Approach to Circuit Modeling of Plasmonic Nanospheres Using Radial Vector Wave Functions. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2011, 59, 2595-2611.	4.6	17
6	Multimode Impedance Representation of Scattering, Absorption and Extinction Cross-Sectional Areas for Plasmonic Nanoparticles. <i>Journal of Lightwave Technology</i> , 2011, 29, 2512-2526.	4.6	12
7	Impedance Model of Cylindrical Nanowires for Metamaterial Applications. <i>Nanomaterials</i> , 2019, 9, 1104.	4.1	8
8	Frequency Selective Model Order Reduction via Spectral Zero Projection. , 2007, , .		7
9	A Compact Impedance Model of Plasmonic Nanoshell for Metamaterial Applications. <i>IEEE Nanotechnology Magazine</i> , 2019, 18, 955-962.	2.0	7
10	EFFICIENT MULTI-SHIFTED ARNOLDI PROJECTION USING WAVELET TRANSFORM. <i>Journal of Circuits, Systems and Computers</i> , 2007, 16, 699-709.	1.5	6
11	Closed Form Resonance Solution in Metallic Nanoparticles With Cubic Nonlinearity. <i>IEEE Nanotechnology Magazine</i> , 2020, 19, 461-468.	2.0	6
12	Passivity Preserving Model Order Reduction Using the Reduce Norm Method. <i>Electronics (Switzerland)</i> , 2020, 9, 964.	3.1	5
13	Statistically inspired multi-shift Arnoldi projection for on-chip interconnects. <i>Mathematics and Computers in Simulation</i> , 2021, 190, 418-428.	4.4	3
14	Frequency Selective Light Scattering and Absorption for Maximum Energy Harvesting. , 2019, , .		2
15	Second-Order Arnoldi Reduction Using Weighted Gaussian Kernel. <i>IEEE Access</i> , 2022, 10, 41362-41370.	4.2	2
16	Reduced-Order Wide-Band Interconnect Model Realization using Filter-Based Spline Interpolation. , 2007, , .		1